

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Abdellatif Bellaouar, et al.

Docket No.: **TI-36131**

Serial No.:

10/810,095

Examiner: TBD

Filed: 03/26/2004

Art Unit: 2817

For:

Low-Current, Area-Efficient and Flicker Noise

Conf. No.: 8199

Free Bias CMOS Voltage Control Oscillator

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Alexandria, VA 22313-1450

Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed Commissioner for Patents, Alexandria, VA

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449. Copies of the listed references are enclosed.

This information disclosure statement is being mailed before receipt of a first office action on the merits in accordance with 37 C.F.R. 1.97(b)(3).

No fees are due, however, should the Office decide otherwise, please charge the necessary fee of \$180 to the deposit account of Texas Instruments Incorporated, Account Number 20-0668.

Respectfully submitted,

Ronald O. Neerings

Attorney for Applicants

Reg. No. 34,227

Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265 (972) 917-5299

PTO/SB/08A (08-00)

Please type a plus sign (+) inside this box ^

	1
	ľ
	ì

Approved for use through 10/31/2002, OMB 0651-0031

Inder the Ra	perwork Reduction	Act of 1995, no persons	are required to i		demark Office: U.S. DEPARTMENT OF COMMERC tion unless it displays a valid OMB control number		
				Complete If Known			
annt '	Substitute	for Form 1449A/PTO		Application Number	10/810,095		
0 5004 ,	MINEORMAT	ON DISCLOSURE		Filing Date	03/26/2004		
COTATEMENT DV ADDI ICANT				First Named Inventor	Abdellatif Bellaouar, et al.		
Š	JOIAILMEN	II DI AFFEIOANI		Group Art Unit	2817		
Sheet	(use as man	y sheets as necessary)		Examiner Name	TBD		
Sheet	1	of	2	Attorney Docket No.	TI-36131		

				U.S. PATENT DOCUM	IENTS	
		U.S. Patent D	ocument	Name of Patentee or Applicant of	Date of Pub. of	
Exam. Initials	Cite No. ¹	Number	Kind Code ² (if known)	Cited Doc.	Cited Doc. (mm-dd-yy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	АН					
	Al					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					

					FOREIGN PATE	NT DOCUMENTS		
		Fo	oreign Patent Do	cument	Name of Patentee	Date of Pub.		
Exam. Initials*	Cite No. ¹	Office ³	Number ⁴	Kind Code ² (if known)	or Applicant of Cited Doc.	of Cited Doc. (mm-dd-yy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	ВА							
	ВВ							
	BC			ļ				
	BD							
	BE							
	BF							
	BG							
	вн							
	ВІ							
	BJ							
	вк							
	BL							l

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

Signature

Approved for use	through 10/31/2002. OMB 0651-003
Patent and Trademark Office:	U.S. DEPARTMENT OF COMMERCE

6	Under the F	aperwork Reduction	n Act of 1995, no persons	are required to re		ormation unless it displays a valid OMB control number			
/ P		3			Complete If Known				
	-01	- \ Substitute	for Form 1449A/PTO		Application Number	10/810,095			
١,	UL 0 9 2004	INFORMATI	ION DISCLOSURE		Filing Date	03/26/2004			
STATEMENT BY APPLICANT					First Named Inventor	Abdellatif Bellaouar, et al.			
					Group Art Unit	2817			
X	المنازين بدوق	(use as man	y sheets as necessary)		Examiner Name	TBD			
	Sheet	2	of	2	Attorney Docket No.	TI-36131			

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	"A Filtering Technique to Lower Oscillator Phase Noise", Emad Hegazi, et al., 2001 IEEE International Solid-State Circuits Conference, ISSCC 2001/Session 23/Analog Techniques/23.4, pp. 364, 365, 465	
	СВ	"A 50GHz VCO in 0.25µm CMOS", HongMo Wang, 2001 IEEE International Solid-State Circuits Conference, ISSCC 2001/Session 23/ Analog Techniques/23.8, pp. 372, 373	
·	СС	"A Study of Phase Noise in CMOS Oscillators", Behzad Razavi, IEEE Journal of Solid-State Circuits, Vol. 31, No. 3, 03/1996, pp. 331-343	
	CD	"Electromagnetically Shielded High-Q CMOS-Compatible Copper Inductors", Hongsul Jiang, et al., IEEE International Solid-State Circuits Conference, ISSCC 2000/Session 19 / TD: High-Frequency Wireless / Paper WA 19.7, pp. 330-331	
	CE		
	CF		
	CG		
	СН		
	CI		
	CJ		
	СК		
	CL		
	СМ		
	CN		
	СО		
	СР		
	cq		
	CR		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

¹Unique citation designation number. ²Applicant is to place a check mark here if English Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.